

856 Ship Notice/Manifest

Functional Group=SH

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Federal Note:

1. Organizations use this transaction set to provide shipment status information, lateral redistribution shipment status information, or pseudo shipment status information on all shipped orders.
2. Use a single occurrence of this transaction set to transmit a single requisition-level shipment status to a single organization.
3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.
4. This transaction may be used to provide Unique Item Identifier (UII) information. Refer to the UII web at URL: <http://www.acq.osd.mil/dpap/UII/> for DoD policy.
5. This transaction may be used to provide passive Radio Frequency Identification (RFID) tag identification as applicable to interior and exterior packaging.

DLMS Note:

1. Users operating under the Defense Logistics Management system (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, Transportation Mode of Shipment Conversion Table, and the Accounting Classification Appendix which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at <http://www.dla.mil/j-6/dlms>. For Army Total Package Fielding (TPF), Unit Materiel Fielding Points and staging sites use this transaction set to acknowledge, to the Fielding Command, shipment of the packages.
2. The following introductory notes are applicable to the contents of this DLMS Supplement. Cross-references to these notes appear throughout this document to clarify relevant data requirements; however, absence of such a note does not explicitly mean that none are applicable.
 - a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLMSO prior to use.
 - b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must implement in accordance with the approved change implementation schedule or coordinate implementation with DLMSO prior to use.
 - c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLMSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.
 - d. Data elements which have an expanded files size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.
 - e. Data required to accommodate Component-unique transaction requirements (ex. C or B-series transactions). Data does not apply to DLSS transactions.
 - f. Data associated with a DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This data should be adopted during, or subsequent, to modernization when applicable to the Component's business process. Prior coordination is not required. Components should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction.
 - g. Repetition of data (using multiple iterations or loops) which is not compatible with existing DLSS capability. Although supported by the use of the ANSI X12 standard, such data is not compatible with DLSS/DLMS conversion and may not be supported by the recipient's automated processing system. Components must coordinate implementation of enhanced capability with DLMSO prior to use.
3. This revision to the DLMS Supplement incorporates Proposed DLMS Changes (PDC) and Approved DLMS Change (ADC) listed. PDCs and ADCs are available from the DLMSO website: <http://www.dla.mil/j-6/dlms/Changes>.

- PDC 307, DLMS Lateral Redistribution Order Shipment Status (DLMS 856S/MILSTRIP AS6) and Party to Receive Credit (Supply)

- ADC 55, Revision to DLMS Supplement (DS) 856S, Shipment Status
- ADC 127, UID of Items and RFID in DLMS Shipment Status
- ADC 130, Army/DLA Unique Changes to 527R, Material Receipt, and 856S, Shipment Status, to Support Shipment and Receipt of TPF Assets by UMF
- ADC 165, Optional Capability for Sending Information Copy of DLMS Supplements 856, 856S, 861, 867I, 870M, 945A, and 947I to a Component Unique Item Tracking (UIT) Registry (Supply)
- ADC 192, Administrative Revision to DS 4030 856S, Shipment Status
- ADC 193, Administrative Revision to DLMS Supplements 4030 856S and 4010 870S
- ADC 221, Communication of Unit Price and Total Price under DLMS
- ADC 223, DLMS Shipment Status Enhancements: Secondary Transportation Number, Initial Shipping Activity, Carrier Identification, and Port of Embarkation (POE)
- ADC 242, Shipment Status (DS 856S) in Support of MPCs: PD, TP, Project Code, Special Requirements Code
- ADC 242A, Approved Addendum to DLMS ADC 242A, Inclusion of Unit Price on DLMS Shipment Status (DS 856S)
- ADC 257, DLMS Shipment Status Generated by the CCP
- ADC 284, Revisions to DLMS Supplements to Add Shop Service Center (SSC) for BRAC Inventory Management and Stock Positioning (IMSP)
- ADC 288, DSS Local Delivery Manifesting Shipment Status

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use
* 0400	DTM	Date/Time Reference	O	10			Not Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - HL</u>					<u>200000</u>	<u>C2/0100L</u>	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	O	1			Used
0300	SN1	Item Detail (Shipment)	O	1			Used
* 0400	SLN	Subline Item Detail	O	1000			Not Used
* 0500	PRF	Purchase Order Reference	O	1			Not Used
* 0600	PO4	Item Physical Details	O	1			Not Used
* 0700	PID	Product/Item Description	O	200			Not Used
* 0800	MEA	Measurements	O	40			Not Used
* 0900	PWK	Paperwork	O	25			Not Used
* 1000	PKG	Marking, Packaging, Loading	O	25			Not Used
* 1100	TD1	Carrier Details (Quantity and Weight)	O	20			Not Used
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
* 130	TD3	Carrier Details (Equipment)	O	12			Not Used
<u>* LOOP ID - TD3</u>					<u>12</u>		
1300	TD3	Carrier Details (Equipment)	O	1			Used
1350	AT9	Trailer or Container Dimension and Weight	O	1			Used
* 1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
* 1450	TSD	Trailer Shipment Details	O	1			Not Used
1500	REF	Reference Identification	O	>1			Used
* 1510	PER	Administrative Communications Contact	O	3			Not Used
<u>* LOOP ID - LH1</u>					<u>100</u>		
* 1520	LH1	Hazardous Identification Information	O	1			Not Used
* 1530	LH2	Hazardous Classification Information	O	4			Not Used
* 1540	LH3	Hazardous Material Shipping Name	O	12			Not Used
* 1550	LFH	Freeform Hazardous Material	O	20			Not Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
Information							
* 1560	LEP	EPA Required Data	O	>1			Not Used
* 1570	LH4	Canadian Dangerous Requirements	O	1			Not Used
* 1580	LHT	Transborder Hazardous Requirements	O	3			Not Used
* 1590	LHR	Hazardous Material Identifying Reference Numbers	O	10			Not Used
* 1600	PER	Administrative Communications Contact	O	5			Not Used
* 1610	LHE	Empty Equipment Hazardous Material Information	O	1			Not Used
* LOOP ID - CLD					200		
* 1700	CLD	Load Detail	O	1			Not Used
* 1800	REF	Reference Identification	O	200			Not Used
* 1850	DTP	Date or Time or Period	O	1			Not Used
* 1900	MAN	Marks and Numbers	O	>1			Not Used
2000	DTM	Date/Time Reference	O	10			Used
* 2100	FOB	F.O.B. Related Instructions	O	1			Not Used
* 2150	PAL	Pallet Information	O	1			Not Used
LOOP ID - N1					200		
2200	N1	Name	O	1			Used
2300	N2	Additional Name Information	O	2			Used
2400	N3	Address Information	O	2			Used
2500	N4	Geographic Location	O	1			Used
* 2600	REF	Reference Identification	O	12			Not Used
* 2700	PER	Administrative Communications Contact	O	3			Not Used
* 2800	FOB	F.O.B. Related Instructions	O	1			Not Used
* 2900	SDQ	Destination Quantity	O	50			Not Used
* 3000	ETD	Excess Transportation Detail	O	1			Not Used
* 3100	CUR	Currency	O	1			Not Used
* LOOP ID - SAC					≥1		
* 3200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Not Used
* 3250	CUR	Currency	O	1			Not Used
* 3300	GF	Furnished Goods and Services	O	1			Not Used
* 3350	YNQ	Yes/No Question	O	10			Not Used
LOOP ID - LM					10		
3400	LM	Code Source Information	O	1			Used
3500	LQ	Industry Code	M	100			Must use
* LOOP ID - V1					≥1		
* 3600	V1	Vessel Identification	O	1			Not Used
* 3700	R4	Port or Terminal	O	>1			Not Used
* 3800	DTM	Date/Time Reference	O	>1			Not Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
* 0100	CTT	Transaction Totals	O	1		N3/0100	Not Used
0200	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/0100 Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Comments:

2/0100L The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

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ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
Description: Code uniquely identifying a Transaction Set						
Code Name						
856 Ship Notice/Manifest						
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
Federal Note: <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>						
ST03	1705	Implementation Convention Reference	O	AN	1/35	Used
Description: Reference assigned to identify Implementation Convention						
DLMS Note: <i>Use to indicate this transmission uses the 856S Federal IC and the 856S DLMS Supplement. Enter the DLMS Supplement: 004030F856S0SA00.</i>						

BSN Beginning Segment for Ship Notice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Syntax Rules:

- 1. C0706 - If BSN07 is present, then BSN06 is required.

Semantics:

- 1. BSN03 is the date the shipment transaction set is created.
- 2. BSN04 is the time the shipment transaction set is created.
- 3. BSN06 is limited to shipment related codes.

Comments:

- 1. BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
Description: Code identifying purpose of transaction set						
Code Name						
00 Original						
77 Simulation Exercise						
DLMS Note: <i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i>						
BSN02	396	Shipment Identification	M	AN	2/30	Must use
Description: A unique control number assigned by the original shipper to identify a specific shipment						
Federal Note: Use code "ZZ" for this data element to satisfy X12 syntax requirements.						
DLMS Note: The ZZ filler differentiates this Shipment Status format from the Advanced Shipment Notice format associated with Wide Area Workflow, as both use BSN06 Qualifier AS, Shipment Advice.						
BSN03	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
Federal Note: This date corresponds to the Universal Time Coordinate (UTC).						
BSN04	337	Time	M	TM	4/8	Must use
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
Federal Note: 1. Express the originating activity's time in UTC.						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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2. Express time in a four-position (HHMM) format.						
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BSN06	640	Transaction Type Code	X	ID	2/2	Used
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Description: Code specifying the type of transaction

Code Name

AS Shipment Advice

DLMS Note:

1. Use to indicate this transaction set provides shipment status information related to requisitions.

2. Also applies to shipments for Army Total Package Fielding.

NC Material Release Order Forced Closure

DLMS Note:

Use to indicate this transaction set provides pseudo shipment status information.

BSN07	641	Status Reason Code	O	ID	3/3	Used
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Description: Code indicating the status reason

Code Name

061 Consolidation, Extension, Modification (CEM)

DLMS Note:

Use to identify that shipment status is provided by the Consolidation and Containerization Point (CCP) or other location performing consolidation subsequent to original shipment, e.g., local delivery manifesting, in support of passive RFID data exchange. The CCP Shipment Status may reflect multiple levels of pack associated with the lead Transportation Control Number (TCN). It may update the shipment date or mode of shipment while providing visibility of additional or replacement passive RFID tag values associated with the original shipment as a result of CCP processing/ reconfiguration. The CCP Shipment Status should not be used to overlay the original shipment status in the receiving application, as this may result in some loss of data content.

IV2 Material Shipped Between Intermediate Points

DLMS Note:

Use to indicate transaction set contains a shipment status associated with a lateral redistribution order.

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Federal Note:

1. The transaction set hierarchical data structure is address information, followed by transaction shipment status, followed interior/exterior packaging RFID and/or by UID as applicable.
2. Use the first 2/HL/0100 loop iteration to provide transaction set originator address information.
3. Use the second 2/HL/0100 loop iteration to identify shipment information.
4. Use additional 2/HL/0100 loop iterations to identify RFID as applicable.
5. Use additional 2/HL/0100 loop iterations to identify UID information as applicable.

DLMS Note:

The HL Address loop provides address information relating to the originator of this transaction. All other relevant address information is carried in the Shipment Status loop.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure						
Federal Note: In the first 2/HL/0100 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.						
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used
Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to						
DLMS Note: 1. Use to provide association (parent/child relationship) between interior and exterior packaging when multiple RFID tags are employed in the shipment. Use in the subordinate (child) loop to identify the HL01 ID Number of the next higher parent loop.						
2. UID loops may be associated with a parent RFID loop (e.g. item pack). Not applicable to the UID loop if no specific parent RFID loop is identified.						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		3. Not applicable to address and shipment status loops.				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use

Description: Code defining the characteristic of a level in a hierarchical structure

DLMS Note: The following informational loops are applicable to this transaction. When all loops are used, the HL sequence is V (address), W (shipment status), P (RFID), and I (UID). RFID and UID loops are optional. Use multiple P loops to depict a nested RFID relationship.

Code Name

I Item

DLMS Note:

Use to identify item UID data consistent with UID data requirements. The UID data is carried in the REF and N1 segments; no other segments are used in the UID loop. Use a separate UID loop for each item. If an RFID is provided at the item level it will be reflected in this loop. Skip this level when not applicable.

P Pack

DLMS Note:

Use to identify the passive RFID tag identification. The tag identification is carried in the REF segment; no other segments are used in this loop at this time. Use a separate RFID loop for each RFID associated with the shipment using the HL02 parent ID to create a parent/child (nested) relationship. Skip this level when not applicable.

V Address Information

DLMS Note:

Use to identify the address loop which specifies the transaction originator. Use only one address loop per transaction.

W Transaction Reference Number

DLMS Note:

Use to identify the shipment status loop which identifies the transaction reference number (requisition document number) and associated shipment information. Use only one shipment status loop per transaction.

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Used
Purpose: To specify basic item identification data

- Syntax Rules:
1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
 2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
 3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
 4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
 5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
 6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
 7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
 8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
 9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
 10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
 11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
 12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
 13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
 14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

- Semantics:
1. LIN01 is the line item identification

- Comments:
1. See the Data Dictionary for a complete list of IDs.
 2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Federal Note:
Must use only in 2/HL/0100 shipment status loop to identify the material shipped.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Federal Note: <i>Use any code.</i>						
DLMS Note: <i>1. Use one of codes A1, A2, A4, FB, FS, FT, MG, YP or ZZ to identify the material shipped. Must use National Stock Number (NSN) when known, except, when appropriate, brand name subsistence items are identified by the subsistence identification number.</i>						
<i>2. For DLMS use, only the following codes are authorized..</i>						
<u>Code</u> <u>Name</u>						
A1	Plant Equipment Number					
DLMS Note: <i>Use to identify plant equipment.</i>						
A2	Department of Defense Identification Code (DoDIC)					
DLMS Note:						

Code Name*Use to identify ammunition items.*

A4 Subsistence Identification Number

DLMS Note:*Use to identify subsistence items.*

FB Form Number

DLMS Note:*Use to identify the form stock number.*

FS National Stock Number

FT Federal Supply Classification

DLMS Note:*Use to identify the FSC of the nonstandard material when a part number is not available and material can only be identified by description (e.g., non-NSN lumber products).*

MG Manufacturer's Part Number

DLMS Note:*Use to identify nonstandard material.*

YP Publication Number

DLMS Note:*Use to identify the publication stock number.*

ZZ Mutually Defined

DLMS Note:*1. Use to identify nonstandard material when all other authorized codes do not apply or cannot be determined (includes management control numbers and locally assigned control numbers). May be used for DLSS-to-DLMS conversion when the translator cannot determine a more appropriate code.**2. DLMS enhancement.*

LIN03	234	Product/Service ID	M	AN	1/48	Must use
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Description: Identifying number for a product or service

LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)**Code Name**

CN Commodity Name

DLMS Note:*Use with LIN02 code FT to identify the material name or description.*

ZB Commercial and Government Entity (CAGE) Code

DLMS Note:*Use with LIN02 code MG to uniquely identify a manufacturer's part number.*

LIN05	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

SN1 Item Detail (Shipment)

Pos: 0300

Max: 1

Detail - Optional

Loop: HL

Elements: 2

User Option (Usage): Used
Purpose: To specify line-item detail relative to shipment

Syntax Rules:
1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:
1. SN101 is the ship notice line-item identification.

Comments:
1. SN103 defines the unit of measurement for both SN102 and SN104.

Federal Note:
Must use only in 2/HL/0100 shipment status loop to identify the number of units shipped.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN102	382	Number of Units Shipped	M	R	1/10	Must use
<p>Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set</p> <p>Federal Note: <i>Express as a whole number with no decimals.</i></p> <p>DLMS Note: <i>1. For shipment status and lateral redistribution shipment status, use to identify the shipped quantity.</i></p> <p><i>2. For pseudo shipment status (BSN06 code NC), use to identify the Material Release Order (MRO) quantity.</i></p> <p><i>3. A field size exceeding 5 positions may not be received or understood by the recipient's automated processing system. see introductory DLMS note 2d.</i></p>						
SN103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>Federal Note: <i>Use to identify the unit of issue for the material shipped.</i></p> <p>DLMS Note: <i>DLMS users see the Unit of Issue Conversion Table for available codes.</i></p>						

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
Detail - Optional	
Loop: HL	Elements: 1

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Federal Note:

Use only in 2/HL/0100 shipment status loop to identify the mode of shipment.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD504	91	Transportation Method/Type Code	X	ID	1/2	Used

Description: Code specifying the method or type of transportation for the shipment

Federal Note: *Use to identify the mode of shipment.*

DLMS Note: *DLMS users see the Transportation Mode of Shipment Conversion Table for available codes. This will be the initial mode of shipment applicable at the time the shipment status is created by the shipping activity.*

REF Reference Identification

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Used
Purpose: To specify identifying information

Syntax Rules:
1. R0203 - At least one of REF02 or REF03 is required.

Semantics:
1. REF04 contains data relating to the value cited in REF02.

Federal Note:

1. Must use in 2/HL/0100 shipment status loop to identify the transaction document number and the transportation control number. Repeat the REF segment within each shipment status loop to identify relevant information.

2. Use in 2/HL/0100 UID loop to provide UID information. Repeat the REF segment within each UID loop to identify relevant UID information.

3. Use in applicable 2/HL/0100 RFID loops to provide the tag identification. Begin a new RFID loop to create a nested relationship between tags at different layers of packaging.

DLMS Note:

1. This transaction will support item identification based upon the UII or the serial number. Data elements associated with the UII may be identified separately. Use the appropriate data elements to satisfy the desired functionality.

2. This transaction will support association of the IUID information with the RFID tag at the IUID packaging level and/or at each higher level of packing which has been tagged.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
Federal Note: <i>Use any code.</i>						
DLMS Note: <i>1. Use codes separately or in combination, to identify appropriate information for unique item tracking (UIT).</i>						
<i>2. For DLMS use, only the following codes are authorized.</i>						
<u>Code</u> <u>Name</u>						
2I		Tracking Number	DLMS Note: <i>1. Use to identify all shipments to a Defense Reutilization and Marketing Office (DRMO) that qualify for in transit control procedures (e.g., the shipped material line item value is \$800 or more or the item is recorded as pilferable/sensitive). Cite Y in REF02 if shipment meets specified criteria.</i> <i>2. DLMS enhancement; see introductory DLMS 2a.</i>			
BT		Batch Number				
DLMS Note: <i>1. Use in UID loop to identify the manufacturer's batch/lot number or other number identifying the production run.</i> <i>2. DLMS enhancement; see introductory DLMS 2a.</i>						
FG		Fund Identification Number	DLMS Note: <i>1. Use to identify the fund purpose code. Cite any fund purpose code in REF02 except code CR or DR.</i>			

Code Name

2. When identifying a Fund Code using REF04, identification of the fund purpose code is required to meet syntax rules and structured format designed to support future enhancement of appropriation/funding data.

JH Tag

DLMS Note:

- 1. Use in applicable RFID loop to identify the RFID tag. The RFID will be reflected as a hexadecimal value.*
- 2. Future enhancement: Use in the UID loop when an RFID tag is applied to the individual item.*
- 3. DLMS enhancement; see introductory DLMS 2a.*

PA Price Area Number

DLMS Note:

- 1. Use for shipments to disposal to indicate actual or estimated pricing information.*
- 2. Available for all other shipment status as an optional data field to perpetuate the actual or estimated unit price from the associated supply status or material release order. This is an authorized DLMS enhancement.*
- 3. A field size exceeding 7 positions (5 digits dollars and 2 digits cents) may not be received or understood by the recipient's automated processing system.*
- 4. Under DLMS the unit price will be expressed as R9.2. Authorized DLMS migration enhancement; see introductory DLMS 2f.*

PM Part Number

DLMS Note:

- 1. Use in UID loop to identify the applicable part number. This will be the original part number when associated with the UII.*
- A data maintenance action was approved in version 5020. The approved code/name is "OPN - Original Part Number".*
- 2. DLMS enhancement; see introductory DLMS 2a.*

QW New Part Number

DLMS Note:

- 1. Use in UID loop to indicate the current part number when different from the original part number identified in the UII.*
- 2. DLMS enhancement; see introductory DLMS 2a.*

SE Serial Number

DLMS Note:

- 1. Use in UID loop to identify the serial number.*
- 2. DLMS enhancement; see introductory DLMS 2a.*

TG Transportation Control Number (TCN)

DLMS Note:

- 1. Use in 2/HL/0100 transaction reference number loop to identify the shipment unit TCN.*
- 2. DLMS enhancement for shipments to disposal and shipments from Army Total Package Fielding Unit Materiel Fielding Points and staging sites.*

TN Transaction Reference Number

DLMS Note:

- 1. Must use in the 2/HL/0100 shipment status loop to identify the customer assigned document number associated with the shipment unit. Use REF04 to identify the associated suffix code if applicable.*

TT Terminal Code

DLMS Note:

Use only during DLSS-to-DLMS conversion processing to identify the point of embarkation for OCONUS shipments moving through the DTS, GBL/CBL, parcel post (except APO/FPO); and small package carrier shipments entering DTS and the POE. During the transition period, transactions

Code Name

originating as DLSS DI Code AS_, Shipment Status, will carry the POE in this field due to the translator's inability to distinguish among code types. Refer to 2/LQ01/3500 qualifiers 36, Air Terminal Identifier Code, 37, Water Terminal Identifier, and 38, Consolidation and Containerization Point Code, for DLMS input.

U3 Unique Supplier Identification Number (USIN)

DLMS Note:

1. Use in UID loop to identify the UII value in REF03. A data maintenance action was approved in version 5020. The approved code/name is "UII - Department of Defense Unique Item Identifier".

2. DLMS enhancement; see introductory DLMS 2a.

REF02	127	Reference Identification	X	AN	1/50	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

DLMS Note: *1. Use with REF01 code FG and REF04 code AT to cite the supplemental accounting classification data.*

2. Use to indicate UII value when REF01=U3.

3. DLMS enhancement; see introductory DLMS 2a.

REF04	C040	Reference Identifier	O	Comp		Used
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Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

DLMS Note: *1. Use REF04 to associate data with the REF01. When needed, use codes from REF04-01 and the next available combination of data element 128/127 pairs to provide the necessary data.*

2. When providing financial data (REF01 is code FG):

If providing only the fund code use REF04-01 code FU and cite the fund code in REF04-02. For example: REF01=FG; REF02=FC; REF04-01 (composite)=FU; REF04-02= fund code value.

If providing only the long line accounting data use REF04-01 code AT and cite the basic appropriation data in REF04-02. Use REF04-03 code 10 and cite the accounting station number in REF04-04.

If providing both, use REF04-01 code FU, REF04-03 code AT, and REF04-05 code 10 citing the related data in the second data element of the pair.

3. When providing UID information (REF01 is code U3) use to provide the UII Type per UID guidance.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF04-01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Federal Note: Use any code.

DLMS Note: 1. Use one of codes 08, AW, BL, BM, IZ, K2, K3, ZH, or WY with REF01 code TG (TCN) to identify a secondary transportation number.

2. Use one of codes CT or W3 to identify the procurement document which authorized the commercial contractor to requisition from DoD inventories. Use with REF01 code TN.

3. For DLMS use, only the following codes are authorized.

Code Name

08 Carrier Assigned Package Identification Number

DLMS Note:

1. Use to identify carrier package identification number when carrier is other than the United States Postal Service. Use recommended in conjunction with identification of the carrier (2/N101/2200 qualifier CA).

2. Authorized DLMS migration enhancement; see introductory DLMS 2f.

10 Account Managers Code

DLMS Note:

1. Use in one of REF04-03 or REF04-05 to identify the authorized accounting activity (AAA)/accounting disbursing station number (ADSN)/fiscal station number (FSN).

2. DLMS enhancement; see introductory DLMS 2a.

AT Appropriation Number

DLMS Note:

1. Use in one of REF04-01 or REF04-03 to identify the basic appropriation data.

2. DLMS enhancement; see introductory DLMS 2a.

AW Air Waybill Number

DLMS Note:

1. Use to identify the shipment unit air waybill number.

2. Authorized DLMS migration enhancement; see introductory DLMS 2f.

BL Government Bill of Lading

DLMS Note:

1. Use to identify the government bill of lading.

2. Authorized DLMS migration enhancement; see introductory DLMS 2f.

BM Bill of Lading Number

DLMS Note:

1. Use to identify the shipment unit commercial bill of lading number.

2. Authorized DLMS migration enhancement; see introductory DLMS 2f.

CT Contract Number

DLMS Note:

1. Use on shipments of GFM to the contractor.

2. DLMS enhancement; see introductory DLMS 2a.

FU Fund Code

Code Name**DLMS Note:**

Use with REF01 code FG to identify the Fund Code. Use to accommodate legacy system requirements. Use in Lateral Referral Order (LRO) shipment status to identify the fund code to which the credit for the material and reimbursement for the packaging, crating, handling and transportation (PCH&T) cost is to be provided.

IZ Insured Parcel Post Number

DLMS Note:

1. *Use to identify the shipment unit insured parcel post number.*
2. *Authorized DLMS migration enhancement; see introductory DLMS 2f.*

K1 Foreign Military Sales Notice Number

DLMS Note:

1. *Use for Foreign Military Sales (FMS) shipments made on commercial bill of lading or commercial collect bill of lading, to identify the shipment unit FMS notice number.*
2. *DLMS enhancement; see introductory DLMS 2a.*

K2 Certified Mail Number

DLMS Note:

1. *Use to identify the shipment unit certified mail number.*
2. *Authorized DLMS migration enhancement; see introductory DLMS 2f.*

K3 Registered Mail Number

DLMS Note:

1. *Use to identify the shipment unit registered parcel post number.*
2. *Authorized DLMS migration enhancement; see introductory DLMS 2f.*

T0 Dealer Type Identification

DLMS Note:

1. *Use to provide the UII Type, e.g., VIN, UID1, UID2, etc.*

A data maintenance action was approved in version 5030. The approved code/name is "UTY - Unique Item Identifier Type".

2. *DLMS enhancement; see introductory DLMS note 2a.*

W3 Manufacturing Directive Number

DLMS Note:

1. *Use on shipments of GFM to the contractor.*
2. *DLMS enhancement; see introductory DLMS 2a.*

W8 Suffix

DLMS Note:

Use with REF01 code TN to identify the transaction number suffix.

WY Waybill Number

DLMS Note:

1. *Use to identify the shipment unit surface waybill number.*
2. *Authorized DLMS migration enhancement; see introductory DLMS 2f.*

ZH Carrier Assigned Reference Number

DLMS Note:

1. *Use to identify the shipment unit express mail number.*
2. *Authorized DLMS migration enhancement; see introductory DLMS 2f.*

REF04-02	127	Reference Identification	M	AN	1/50	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF04-03	128	Reference Identification Qualifier	X	ID	2/3	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: Code qualifying the Reference Identification

Federal Note: Use any code.

DLMS Note: For other valid codes, see REF04, C04001.

Code Name

OQ Order Number

DLMS Note:

1. Use in GFM transactions with REF04-01 code CT to identify the call or order number, or the call or order number including the respective call or order modification associated with the applicable contract.

2. DLMS enhancement; see introductory DLMS 2a.

REF04-04	127	Reference Identification	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
REF04-05	128	Reference Identification Qualifier	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		Federal Note: Use any code.				
		DLMS Note: For valid codes, see REF04, C04001.				
REF04-06	127	Reference Identification	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used
Purpose: To specify pertinent dates and times

- Syntax Rules:
- 1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
 - 2. C0403 - If DTM04 is present, then DTM03 is required.
 - 3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Federal Note:
Use only in the 2/HL/0100 shipment status loop to identify dates associated with the shipment status.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
Description: Code specifying type of date or time, or both date and time						
Code Name						
011 Shipped						
DLMS Note:						
Use to identify the material shipment date, regardless of shipment method. (Note: For pseudo shipment status transactions, the date generated is assigned as the shipped date.)						
514 Transferred						
DLMS Note:						
1. Use to identify the material transfer date to the carrier if a delay occurs prior to actual shipment.						
2. DLMS enhancement; see introductory DLMS note 2a.						
DTM02	373	Date	X	DT	8/8	Used
Description: Date expressed as CCYYMMDD						

N1 Name

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 5

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:

1. Use to identify the organization originating and receiving the transaction.
2. Use additional iterations to identify other organizations associated with the transaction.

DLMS Note:

1. Must use the 2/N1/2200 loop in the address loop to identify the organization originating the transaction.
2. Must use the 2/N1/2200 loop in the shipment status loop to identify the organization to receive the transaction.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Federal Note: Use any code.

DLMS Note: For DLMS use, only the following codes are authorized.

<u>Code</u>	<u>Name</u>
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BS	Bill and Ship To
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DLMS Note:

Use either this code, or both codes BT and ST, for reimbursable material. Use to identify the organization which receives both the material and the billing for the material.

BT	Bill-to-Party
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DLMS Note:

Use with code ST for reimbursable material. Use to identify the organization to receive the billing for material when different from the organization receiving the material. Use precludes the use of Code BS.

CA	Carrier
----	---------

DLMS Note:

- | |
|--|
| 1. Use as needed to identify the shipment unit carrier when other than the United States Postal Service. |
| 2. The carrier may be identified by name (N102) and Standard Carrier Alpha Code (SCAC). |
| 3. Authorized DLMS migration enhancement; see introductory DLMS 2f. |

CS	Consolidator
----	--------------

DLMS Note:

Use to identify the consolidation point DoDAAC when shipment status is provided by the CCP or other activity performing consolidation, e.g. local delivery manifesting (BSN07=061).

DA	Delivery Address
----	------------------

DLMS Note:

Code Name

1. Use with 2/N2/2300, 2/N3/2400, and 2/N4/2500 to fully identify in-the-clear exception ship-to address information under authorized conditions.
2. DLMS enhancement; see introductory DLMS note 2a.

GP Gateway Provider

DLMS Note:

1. Use for transition period to support transaction conversion in a mixed DLSS/DLMS environment. Use to identify DAASC as originator during conversion when the DLSS transaction does not contain a "From" organization (i.e. blank RIC on AS_). Use to identify DAASC as the "TO" organization for Component-generated shipment status forwarded for DAAS distribution to status recipients under MILSTRIP/DLMS distribution rules (DLMS equivalent of AS8).
2. DLMS enhancement required for compliance with design/syntax. (DAASC RIC not converted for use on DLSS transactions).

KK Registering Party

DLMS Note:

1. Use to identify the Component UIT registry. May be used by a Component when their UIT process requires that a copy of the transaction also be sent to a UIT registry for information purposes. Must be used with 2/N106/2200 code 'PK-Party to Receive Copy' to identify that this is only an information copy of the transaction, for use with the Component UIT registry.
2. DLMS enhancement. See introductory DLMS note 2.a.

KO Plant Clearance Officer

DLMS Note:

1. Use when requisitioning excess plant property.
2. DLMS enhancement; see introductory DLMS note 2a.

MF Manufacturer of Goods

DLMS Note:

1. Use in the shipment status loop to identify the manufacturer's name for nonstandard material (i.e., where part number and not NSN is used for material identification).
2. Use in UID loop to identify the manufacturer of the identified item.

OB Ordered By

DLMS Note:

1. Use to identify the requisitioner.
2. DLMS enhancement; see introductory DLMS note 2a.

SB Storage Area

DLMS Note:

1. Use to identify the initial shipping Distribution Depot DoDAAC.
2. For Army Total Package Fielding (TPF), use to identify the Routing Identifier of the Unit Materiel Fielding Point (UMFP) or staging site originating the UMFP shipment document.
3. Use for LRO shipment status to identify the organization responsible for release of the retail assets.
4. DLMS enhancement; see introductory DLMS note 2a. For conversion processing this will be understood to be the originating activity as identified by the Supplemental Address.

ST Ship To

DLMS Note:

1. Use to identify the organization to receive the material. For disposal shipments use to identify the DRMO.
2. For other than shipments to disposal, this is a DLMS enhancement; see introductory DLMS note 2a.

XN Planning/Maintenance Organization

DLMS Note:

1. Use to identify the Shop Service Center (SSC). Also referred to as Shop Store Identifier.
2. DLMS enhancement; see introductory DLMS Note 2a.

Z1 Party to Receive Status

Code Name**DLMS Note:**

1. Use to indicate the organization to receive shipment status.
2. For shipment status forwarded for DAAS distribution to status recipients under MILSTRIP/DLMS distribution rules (AS8), the recipients will be identified on the DAAS-generated transactions and will not appear on the original transaction.
3. As a DLMS enhancement, may be used to identify recipients other than the prescribed status recipients under DLMS/MILSTRIP distribution rules. Use multiple iterations of the 2/N1/2200 loop to identify shipment recipients, as needed. See introductory DLMS note 2a.

Z4 Owning Inventory Control Point

DLMS Note:

1. Use to identify the Routing Identifier of the supply source or applicable ICP/IMM as the originator of the shipment status. This includes shipment status prepared by the Distribution Depot on behalf of the ICP/IMM for ICP/IMM-directed shipments, and CCP/Consolidation shipment status.
2. Use to identify the recipient for LRO Shipment Status.
3. Use to identify the recipient Fielding Command for Army Total Package Fielding shipments.

Z5 Management Control Activity

DLMS Note:

Use for submission of all GFM requisitions.

Z7 Mark-for Party

DLMS Note:

1. Use to identify an entity located within the ship-to address that is to actually receive the material.
2. DLMS enhancement; see introductory DLMS note 2a.

ZB Party to Receive Credit

DLMS Note:

1. Use to identify the party to receive credit.
2. When used alone credit for material, transportation, and PC&H will be provided to the activity identified. See note 4.
3. For conversion processing this will be the activity as identified by the Supplemental Address.
4. As a DLMS enhancement, additional parties may be identified separately to receive credit for transportation and/or packing, crating, and handling (PC&H). This enhancement requires coordination prior to use.

AEJ Party to Receive Transportation Credit

DLMS Note:

1. Use to identify the party to receive transportation credit when different from the party to receive credit for material.
2. DLMS enhancement; see introductory DLMS note 2a.
3. Qualifier "AEJ" replaces the temporary code assignment ("ZZ - Mutually Defined") used in version 4010.

AEK Party to Receive Packing, Crating, and Handling Credit

DLMS Note:

1. Use to identify the party to receive packing, crating, and handling credit when different from the party to receive credit for material.
2. DLMS enhancement; see introductory DLMS note 2a.
3. Qualifier "AEK" replaces the temporary code assignment ("77 - Service Location") used in version 4010.

IAT Party Executing and Verifying

DLMS Note:

1. Use to indicate the Enterprise Identifier (EID) responsible for the UII. A data maintenance action was approved in version 5020. The approved code/name is "EID - Department of Defense Enterprise Identifier".

Code Name

2. The value of the UID Issuing Agency Code (IAC) may be derived from the qualifier used for the Enterprise Identifier. Use only N103 qualifiers for which a corresponding IAC is noted.

N102	93	Name	X	AN	1/60	Used
Description: Free-form name DLMS Note: 1. Use with N101 code MF to identify the manufacturer's name and address (including ZIP code) when the CAGE is not available. 2. Use with N101 code DA to identify the exception ship-to organization. Also use 2/N2/2300 if additional information is required. 3. Use with N101 code KO to identify the Plant Clearance Officer. 4. Use with N101 code Z7 to identify the recipient of material when coded data is not available. 5. Use with N101 code CA to identify the carrier by name. (Field length restricted to 20 positions.) 6. DLMS enhancement; see introductory DLMS note 2a.						
N103	66	Identification Code Qualifier	X	ID	1/2	Must use

Description: Code designating the system/method of code structure used for Identification Code (67)

Federal Note: Use any code.

DLMS Note: For DLMS use, the following code are authorized.

Code Name

1	D-U-N-S Number, Dun & Bradstreet
DLMS Note: 1. Corresponds to IAC 'UN'. 2. DLMS enhancement; see introductory DLMS note 2a.	
2	Standard Carrier Alpha Code (SCAC)
DLMS Note: Use as needed to identify the commercial carrier.	
8	UCC/EAN Global Product Identification Prefix
DLMS Note: Corresponds to IAC '0-9'.	
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
DLMS Note: DLMS enhancement; see introductory DLMS note 2a.	
10	Department of Defense Activity Address Code (DODAAC)
DLMS Note: 1. When applicable to Enterprise Identifier, corresponds to IAC 'LD'. 2. Use as needed to identify the organizations listed to include: ship-to, bill-to, and shipping activity. 3. DLMS enhancement; see introductory DLMS note 2a.	
33	Commercial and Government Entity (CAGE)
DLMS Note: Corresponds to IAC 'D'.	
41	Telecommunications Carrier Identification Code
DLMS Note:	

Code Name

1. Corresponds to IAC 'LB' (ANSI T1.220, Commercial Telecommunications Standards).

2. DLMS enhancement; see introductory DLMS note 2a.

A2 Military Assistance Program Address Code (MAPAC)

DLMS Note:

1. Use to indicate the SA structured address data.

2. DLMS enhancement; see introductory DLMS note 2a.

M4 Department of Defense Routing Identifier Code (RIC)

DLMS Note:

The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.

2. Future streamlined data; see introductory DLMS note 2c.

UR Uniform Resource Locator (URL)

DLMS Note:

1. Use when appropriate to identify the Component UIT registry.

2. DLMS enhancement; see introductory DLMS note 2.a.

N104	67	Identification Code	X	AN	2/80	Used
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Description: Code identifying a party or other code

N106	98	Entity Identifier Code	O	ID	2/3	Used
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Description: Code identifying an organizational entity, a physical location, property or an individual

Code Name

FR Message From

Federal Note:

Must use with the appropriate 2/N101/2200 code to indicate the organization cited in N104 is sending the transaction set.

DLMS Note:

For LRO shipment status, use with 2/N1/2200 code RL, otherwise use with code Z4 (or GP when originator not known) to indicate the organization cited in N104 is originating the transaction.

PK Party to Receive Copy

DLMS Note:

1. Use when appropriate to send an information copy of the transaction to a Component UIT registry. For use with N101 code KK.

2. DLMS enhancement. See introductory DLMS note 2.a.

TO Message To

Federal Note:

Use with the appropriate 2/N101/2200 code to indicate the organization cited in N101 is receiving the transaction set.

DLMS Note:

Use with 2/N1/2200 code GP (for DAASC) or Z1 to indicate the organization cited in N104 is receiving the transaction.

N2 Additional Name Information

Pos: 2300	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify additional names or those longer than 35 characters in length

Federal Note:
Use to identify additional name information as authorized.

DLMS Note:

1. Use with 2/N101/2200 code DA to identify additional in-the-clear exception ship-to name information.

2. DLMS enhancement; see introductory DLMS note 2a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	Name	M	AN	1/60	Must use
Description: Free-form name						
N202	93	Name	O	AN	1/60	Used
Description: Free-form name						

N3 Address Information

Pos: 2400	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Federal Note:
Use to identify additional address information as authorized.

DLMS Note:

1. Use with 2/N101/2200 code DA to identify additional in-the-clear exception ship-to name information.

2. DLMS enhancement; see introductory DLMS note 2a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	Address Information	M	AN	1/55	Must use
Description: Address information						
N302	166	Address Information	O	AN	1/55	Used
Description: Address information						

N4 Geographic Location

Pos: 2500	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Syntax Rules:

- 1. C0605 - If N406 is present, then N405 is required.

Comments:

- 1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- 2. N402 is required only if city name (N401) is in the U.S. or Canada.

Federal Note:

Use to identify additional address information as authorized.

DLMS Note:

- 1. Use with 2/N101/2200 code DA to identify additional in-the-clear exception ship-to name information.
- 2. DLMS enhancement; see introductory DLMS note 2a.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				
		DLMS Note: Data element 1270, Code 85, Country and Activity Code, lists applicable code values.				

Elements: 1

LQ Industry Code

Pos: 3500	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Used

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

DLMS Note: *For DLMS use, only the following codes are authorized.*

Code Name

0 Document Identification Code

DLMS Note:

1. *The DLSS DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date.*
2. *Future streamlined data; see introductory DLMS note 2c.*

36 Air Terminal Identifier Code

DLMS Note:

1. *Use to identify port of embarkation (POE) air terminal identifier codes for Outside Continental United States (OCONUS) shipments made via Defense Transportation System (DTS) air modes.*
2. *Authorized DLMS migration enhancement; see introductory DLMS 2f.*
3. *During the DLSS/DLMS transition period, transactions originating as DLSS DI Code AS_, Shipment Status, will carry this information in REF01, qualifier TT, Terminal Code, due to the translator's inability to distinguish among code types.*

37 Water Terminal Identifier Code

DLMS Note:

1. *Use to identify port of embarkation (POE) water terminal identifier codes for OCONUS shipments made via DTS water modes.*
2. *Authorized DLMS migration enhancement; see introductory DLMS 2f.*
3. *During the DLSS/DLMS transition period, transactions originating as DLSS DI Code AS_, Shipment Status, will carry this information in REF01, qualifier TT, Terminal Code, due to the translator's inability to distinguish among code types.*

38 Consolidation and Containerization Point Code

DLMS Note:

1. *Used to identify the SEAVAN CCP code for OCONUS shipments made via DTS.*
2. *Authorized DLMS migration enhancement; see introductory DLMS 2f.*
3. *During the DLSS/DLMS transition period, transactions originating as DLSS DI Code AS_, Shipment Status, will carry this information in REF01, qualifier TT, Terminal Code, due to the translator's inability to distinguish among code types.*

Code Name

58 Transportation Bill Code

DLMS Note:*Use for FMS shipments, to identify the applicable shipment Transportation Bill Code (TBC).*

67 Type of Assistance Code

DLMS Note:*1. For Security Assistance (SA) transactions, use only when the coded address in the transaction number does not identify the type of assistance and financing.**2. DLMS enhancement; see introductory DLMS note 2a.*

78 Project Code

DLMS Note:*1. Must use to provide the project code when applicable.**2. Required when applicable to communicate the project code associated with the Army Total Package Fielding Unit Materiel Fielding Point or staging site shipment document.**3. Authorized DLMS migration enhancement; see introductory DLMS 2f.*

79 Priority Designator Code

DLMS Note:*1. Must use to identify the applicable priority designator.**2. Authorized DLMS migration enhancement; see introductory DLMS 2f.*

81 Status Code

DLMS Note:*1. Use to identify additional status information related to the shipment unit.**2. For shipment status other than those resulting from conversion from the DLSS ASY this is a DLMS enhancement; see introductory DLMS note 2a.*

84 Management Code

DLMS Note:*1. Use to communicate the management code associated with Army Total Package Fielding Unit Materiel Fielding Point or staging site shipment document.**2. DLMS Component-unique enhancement. See introductory DLMS note 5e.*

85 Country and Activity Code

DLMS Note:*1. For MAP/GA transactions, use only when the coded address in the transaction number does not identify the type of country or activity.**2. DLMS enhancement; see introductory DLMS note 2a.*

89 Cooperative Logistics Program Support Code

DLMS Note:*1. For FMS transactions, must use to identify programmed, nonprogrammed, and termination/drawdown requirements.**2. DLMS enhancement; see introductory DLMS note 2a.*

92 Reason for Disposal Code

DLMS Note:*1. Use for material transferred to a Defense Reutilization and Marketing Service (DRMS) to identify the reason for transfer of the shipment unit.**2. DLMS enhancement; see introductory DLMS note 2a.*

93 Type of Storage Code

DLMS Note:*1. Use to identify the minimum level of storage environment required for the shipment unit.**2. DLMS enhancement; see introductory DLMS note 2a.*

94 Identification Code

DLMS Note:

Code Name

1. Use in FMS transactions to identify the customer country's requisitioning Service Code: B, D, K, P, or T. This is the SA program Customer Service Designator (codes derived from Qualifier 71, Service and Agency Code). A DM has been submitted to create a new qualifier for this data element.

2. DLMS enhancement; see introductory DLMS note 2a.

95 Offer and Release Option Code

DLMS Note:

1. For FMS transactions, must use to advise the supply source of the type of notice required prior to shipping the material.

2. DLMS enhancement; see introductory DLMS note 2a.

A2 Customer Within Country Code

DLMS Note:

1. For SA transactions, use only when the coded address in the transaction number does not identify the customer-within-country.

2. DLMS enhancement; see introductory DLMS note 2a.

A3 Delivery Term Code

DLMS Note:

1. For FMS transactions, use only when the coded address in the transaction number does not identify the delivery term.

2. DLMS enhancement; see introductory DLMS note 2a.

A4 Case Designator Number

DLMS Note:

Must use in FMS transactions to identify the FMS case number. For Cooperative Logistics Supply Support Arrangements (CLSSAs), repeat up to two times to identify the FMS Foreign Military Services Order (FMSO) I and FMSO II case numbers. In this instance, the first occurrence will cite the FMSO I case number, and a second occurrence, if applicable, will reflect the FMSO II case number.

2. DLMS enhancement; see introductory DLMS note 2a.

A5 Subcase Number

DLMS Note:

1. Use in FMS transactions based on Service requirements.

2. DLMS enhancement; see introductory DLMS note 2a.

A6 Freight Forwarder Number

DLMS Note:

1. Must use in FMS transactions to identify the country representative or freight forwarder to receive shipments and documentation.

2. DLMS enhancement; see introductory DLMS note 2a.

A7 Record Control Number

DLMS Note:

1. Must use in MAP/GA transactions to identify the program line item number.

2. DLMS enhancement; see introductory DLMS note 2a.

A8 Program Year Code

DLMS Note:

1. Must use in MAP/GA transactions to indicate the program year in which the requisitioned item was approved and funded.

2. DLMS enhancement; see introductory DLMS note 2a.

A9 Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. Future streamlined data; see introductory DLMS note 2c.

AJ Utilization Code

Code Name**DLMS Note:**

1. Under DLSS, this is the first position of the document serial number.
2. DLMS enhancement; see introductory DLMS note 2a.

AK Distribution Code

DLMS Note:

- Future streamlined data; see introductory DLMS note 2c.

AL Special Requirements Code

DLMS Note:

1. Must use to identify special handling and priority codes when applicable. Under DLSS, this is carried in the required delivery date field.
2. Authorized DLMS migration enhancement for optional use; see introductory DLMS 2f.

BC Transportation Holding Delay Code

DLMS Note:

- Use to identify the reason a shipment unit is not shipped immediately after material is picked, packed, marked and made ready for shipment.

BD Transportation Priority Code

DLMS Note:

1. Use to identify the applicable transportation priority when available.
2. Authorized DLMS migration enhancement; see introductory DLMS 2f.

DE Signal Code

DLMS Note:

- Use to accommodate legacy system requirements. Use only in LRO shipment status to indicate the activity to receive credit and pseudo shipment status to perpetuate the signal code from the material release order.

DF Media and Status Code

COG Cognizance Symbol

DLMS Note:

- Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

IMC Item Management Code

DLMS Note:

- Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

MCC Material Control Code

DLMS Note:

- Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

SMI Special Material Identification Code

DLMS Note:

- Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

LQ02	1271	Industry Code	X	AN	1/30	Used
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Description: Code indicating a code from a specific industry code list

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

- 1. SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	Number of Included Segments	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		Federal Note: Cite the same number as the one cited in ST02.				